Crestron
Touchpanels

TOUCHPANELS

ISYS™ TOUCHPANEL CONTROL SYSTEMS

TPS-6000 – Isys™ Advanced Touchpanel Control System

There's nothing in the world that compares with the award-winning Isys touchpanel control system. The TPS-6000 tilt model is a sleek, state-of-the-art Internet control powerhouse that's ideal for boardrooms and conference rooms, as well as the ultimate high-tech home theater system. Its 15"diagonal touch-sensitive LCD display produces a gorgeous high resolution picture for both graphics and video, either full screen or in a window. The unique modular design allows users to upgrade capabilities simply by installing expansion cards for RGB graphics, video or Internet communications. Upgrading to wireless operation is as easy as inserting the 2-way RF wireless module. Standard audio capabilities include built-in microphone, two stereo speakers, amplifier, mixer and the ability to play stored WAV files. And the TPS-6000 runs end-to-end on worldwide standard IP Internet Protocol and operates at 10/100 Ethernet.

Touchscreen:
Display Type . . . . Touch-sensitive active matrix color LCD
Screen Dimensions . . . . 15"/38.1cm diagonal
Screen Resolution . . . . 1024x768 pixels
Screen Illumination . . . . Edgelit fluorescent
Screen Tilt . . . . Soft-Touch adjustable screen tilt, 30-80 degrees
Enclosure. . . . . Black injection-molded case
Connectors:
  TPS-6000:
      Headphone . . . . Mini phone jack
      Audio Input/Output. 8-pin RJ45
      RS-232 . . . . 6-pin RJ11
      RGBHV . . . . 15-pin high density, supplied by optional TPS-XVGA card
      Net/Video 10-pin RJ45
      LAN. 8-pin RJ45
  TPS-IMC Interface Module: . . . . Outboard module providing expanded audio/video/network connections to the touchpanel system (included)
      NTSC/PAL VIDEO. . . . . BNCx2 or 6-pin Composite, plus Y/C, made active by optional TPS-VID card
      NET. . . . . 4-pin, for connection to devices in the Cresnet system
      NET/VIDEO. . . . . 10-pin RJ45, for touchpanel connection, plus Composite and S-Video input made active by optional TPS-VID card
      MIC OUT. . . . . 3-pin, for line level balancedmicrophone output
      AUDIO INPUT 6-pin RJ11
      AUDIO OUTPUT. 8-pin RJ45
Audio . . . . Built-in microphone (AGC or fixed gain mode), balanced line level input and output, power amplifier (2W per channel), audio mixer, two stereo speakers and WAV file capability
Memory. . . . . 8MB internal flash memory, upgradeable to 64MB with plug-in memory modules (TPS-MEM64MB, TPS-MEM32MB, TPS-MEM16MB) plus 8MB of DRAM, upgradeable to 32MB
Power Requirements 24W, 1A
Dimensions (HxWxD) . . . . 13" (33.1cm) x 14.2" (36.1cm) x 10.6" (26.8cm)
Weight. 9.3lb (4.2Kg)

EXPANSION CARD OPTIONS:

TPS-ENET 10/100 BaseT Ethernet Card . . (RJ45) Ethernet module provides full/half duplex TCP/IP and UDP/IP communication via Ethernet/LAN/WAN to any Crestron IP device. Power: 4W
TPS-VID Video Module Card . . . . . (RJ45) Video input digitizer allows NTSC or PAL video to be displayed on the touchpanel. Supports both Composite and S-Video formats, for full screen or window display. Power: 8W
TPS-XVGA RGB Graphics Card . . . (DB15) RGB interface card allows full screen or window display of computer video up to 1280x1024. Supports non-interlaced computer sources at native resolution of 1024x768, and scales signals of higher and lower resolutions for display. Power: 10W

ADDITIONAL OPTIONS:

TPS-XTX-RF Wireless Module and Docking Station for wireless operation
TPS-IMW Interface Module. . . . . . Wall-mounted unit that installs into a two-gang electrical box. Same functions as the TPS-IMC, but with terminal block connections.

ISYS™ TOUCHPANEL CONTROL SYSTEMS continued

TPS-6000LB– Isys™ Avanced Touchpanel Control System

There's nothing in the world that compares with the award-winning Isys touchpanel control system. The wall or lectern mounted TPS-6000LB is a state-of-the-art Internet control powerhouse that's ideal for auditoriums or command centers, and the ultimate for high-tech kitchens or bedrooms. Its 15"diagonal touch-sensitive LCD display produces a gorgeous high resolution picture for both graphics and video, either full screen or in a window. The unique modular design allows users to upgrade capabilities simply by installing expansion cards for RGB graphics, video or Internet communications. Standard audio capabilities include built-in microphone, four stereo speakers, amplifier, mixer and the ability to play stored WAV files. And the TPS-6000LB runs end-to-end on worldwide standard IP Internet Protocol and operates at 10/100 Ethernet.

Touchscreen:
Display Type . . . . Touch-sensitive active matrix color LCD
Screen Dimensions . . . . 15"/38.1cm diagonal
Screen Resolution . . . . 1024x768 pixels
Screen Illumination . . . . Edgelit fluorescent
Enclosure. . . . . Black metal enclosure with injection-molded plastic faceplate in black
Connectors:
    Audio Input 6-pin RJ11
    Microphone Output . . . . 3-pin Terminal block
    RS-232 . . . . 6-pin RJ11
    RGBHV . . . . BNCx5, supplied by optional TPS-XVGAL card
    Net . . . . 4-pin Terminal block
    Video . . . . BNCx2 + terminal block, supplied by TPS-VIDL card
    LAN. . . . . 8-pin RJ45, supplied by TPS-ENETL card
Audio . . . . Built-in microphone (AGC or fixed gain mode), balanced line level input and output, power amplifier (2W per channel), audio mixer, four stereo speakers and WAV file capability
Memory. . . . . 8MB internal flash memory, upgradeable to 64MB with plug-in memory modules (TPS-MEM64MB, TPS-MEM32MB, TPS-MEM16MB) plus 8MB of DRAM, upgradeable to 32MB
Power Requirements 24W, 1A
Dimensions (HxWxD) . . . . 13.6" (34.4cm) x 14.6" (37.1cm) x 3.1" (7.9cm) with faceplate
Weight . . . . 8.6lb (3.9Kg) with faceplate

EXPANSION CARD OPTIONS:

TPS-ENETL 10/100 BaseT Ethernet Card . . (RJ45) Ethernet module provides full/half duplex TCP/IP and UDP/IP communication via Ethernet/LAN/WAN to any Crestron IP device. Power: 4W

TPS-VIDL Video Module Card . . . (BNCx2) and terminal block Video input digitizer allows NTSC or PAL video to be displayed on the touchpanel. Supports both Composite and S-Video formats, for full screen or window display. Power: 8W

TPS-XVGAL RGB Graphics Card . (BNCx5) RGB interface card allows full screen or window display of computer video up to 1280x1024. Supports non-interlaced computer sources at native resolution of 1024x768, and scales signals of higher and lower resolutions for display. Power: 10W

ADDITIONAL OPTIONS:

RMK-6000 . . . . Rack mount
BB-6000 . . . . Back box for wall mounting

MODEL OPTIONS:

All the features of the TPS-6000LB with the following exceptions:
TPS-6000LW . . . . Enclosure with white plastic faceplate

ISYS™ TOUCHPANEL CONTROL SYSTEMS continued

TPS-5000 – Isys™ Advanced Touchpanel Control System

There's nothing in the world that compares with the award-winning Isys touchpanel control system. The TPS-5000 tilt model is a sleek, state-of-the-art Internet control powerhouse that's ideal for boardrooms and conference rooms, as well as the ultimate high-tech home theater system. Its 12"diagonal touch-sensitive LCD display produces a gorgeous high resolution picture for both graphics and video, either full screen or in a window. The unique modular design allows users to upgrade capabilities simply by installing expansion cards for RGB graphics, video or Internet communications. Upgrading to wireless operation is as easy as inserting the 2-way RF wireless module. Standard audio capabilities include built-in microphone, two stereo speakers, amplifier, mixer and the ability to play stored WAV files. And the TPS-5000 runs end-to-end on worldwide standard IP Internet Protocol and operates at 10/100 Ethernet.

Touchscreen:
Display Type . . . . Touch-sensitive active matrix color LCD
Screen Dimensions . . . . 12" / 30.5cm diagonal
Screen Resolution . . . . 800x600 pixels
Screen Illumination . . . . Edgelit fluorescent
Screen Tilt . . . . Soft-Touch adjustable screen tilt, 30-80 degrees
Enclosure. . . . . Black injection-molded case
Connectors:
  TPS-5000:
     Headphone . . . . Mini phone jack
     Audio Input/Output. 8-pin RJ45
     RS-232 . . . . 6-pin RJ11
     RGBHV . . . . 15-pin high density, supplied by optional TPS-XVGA card
     Net/Video 10-pin RJ45
     LAN. 8-pin RJ45
  TPS-IMC Interface Module. . . . . . . Outboard module providing expanded audio/video/network connections to the touchpanel system (included)
     NTSC/PAL VIDEO. . . . . BNCx2 or 6-pin Composite, plus Y/C, made active by optional TPS-VID card
     NET. . . . . 4-pin, for connection to devices in the Cresnet system
     NET/VIDEO. . . . . 10-pin RJ45, for touchpanel connection, plus Composite and S-Video input made active by optional TPS-VID card
     MIC OUT. . . . . 3-pin, for line level balanced microphone output
     AUDIO INPUT 6-pin RJ11
     AUDIO OUTPUT. 8-pin RJ45
Audio . . . . Built-in microphone (AGC or fixed gain mode), balanced line level input and output, power amplifier (2W per channel), audio mixer, two stereo speakers and WAV file capability
Memory. . . . . 4MB internal flash memory, upgradeable to 64MB with plug-in memory modules (TPS-MEM64MB, TPS-MEM32MB, TPS-MEM16MB) plus 8MB of DRAM, upgradeable to 32MB
Power Requirements 20W, 0.8A
Dimensions (HxWxD) . . . . 11.9" (30.1cm) x 13.3" (33.7cm) x 10.6" (26.8cm)
Weight 7.6lb (3.5Kg)

EXPANSION CARD OPTIONS:

TPS-ENET 10/100 BaseT Ethernet Card . . (RJ45) Ethernet module provides full/half duplex TCP/IP and UDP/IP communication via Ethernet/LAN/WAN to any Crestron IP device. Power: 4W

TPS-VID Video Module Card . . . . . (RJ45) Video input digitizer allows NTSC or PAL video to be displayed on the touchpanel. Supports both Composite and S-Video formats, for full screen or window display. Power: 8W

TPS-XVGA RGB Graphics Card . . . (DB15) RGB interface card allows full screen or window display of computer video up to 1280x1024. Supports non-interlaced computer sources at native resolution of 800x600, and scales signals of higher and lower resolutions for display. Power: 10W

ADDITIONAL OPTIONS:

TPS-XTX-RF Wireless Module and Docking Station for wireless operation
TPS-IMW Interface Module. . . . . . Wall-mounted unit that installs into a two-gang electrical box. Same functions as the TPS-IMC, but with terminal block connections.

ISYS™ TOUCHPANEL CONTROL SYSTEMS *continued*

TPS-5000LB – Isys™ Advanced Touchpanel Control System

There's nothing in the world that compares with the award-winning Isys touchpanel control system. The wall or lectern mounted TPS-5000LB is a state-of-the-art Internet control powerhouse that's ideal for auditoriums or command centers, and the ultimate for high-tech kitchens or bedrooms. Its 12"diagonal touch-sensitive LCD display produces a gorgeous high resolution picture for both graphics and video, either full screen or in a window. The unique modular design allows users to upgrade capabilities simply by installing expansion cards for RGB graphics, video or Internet communications. Standard audio capabilities include built-in microphone, two stereo speakers, amplifier, mixer and the ability to play stored WAV files. And the TPS-5000LB runs end-to-end on worldwide standard IP Internet Protocol and operates at 10/100 Ethernet.

Touchscreen:
Display Type . . . . Touch-sensitive active matrix color LCD
Screen Dimensions . . . . 12" / 30.5cm diagonal
Screen Resolution . . . . 800x600 pixels
Screen Illumination . . . . Edgelit fluorescent
Enclosure. . . . . Black metal enclosure with injection-molded plastic faceplate in black
Connectors
    Audio Input. 6-pin RJ11
    Microphone Output. . . . . 3-pin Terminal block line level balanced
    RS-232 . . . . 6-pin RJ11
    RGBHV . . . . BNCx5, supplied by optional TPS-XVGAL card
    Net . . . . 4-pin Terminal block
    Video . . . . BNCx2 + terminal block, supplied by TPS-VIDL card
    LAN. . . . . 8-pin RJ45, supplied by TPS-ENETL card
Audio . . . . Built-in microphone (AGC or fixed gain mode), balanced line level input and output, power amplifier (2W per channel), audio mixer, two stereo speakers, and WAV file capability
Memory. . . . . 4MB internal flash memory, upgradeable to 64MB with plug-in memory modules (TPS-MEM64MB, TPS-MEM32MB, TPS-MEM16MB) plus 8MB of DRAM, upgradeable to 32MB
Power Requirements 20W, 0.8A
Dimensions (HxWxD) . . . . 11.0" (28.1cm) x 13.4" (34.1cm) x 2.7" (6.9cm) with faceplate
Weight. . . . . 5.9lb (2.7Kg) with faceplate

EXPANSION CARD OPTIONS:

TPS-ENETL 10/100 BaseT Ethernet Card. . (RJ45) Ethernet module provides full/half duplex TCP/IP and UDP/IP communication via Ethernet/LAN/WAN to any Crestron IP device. Power: 4W

TPS-VIDL Video Module Card . . . (BNCx2 and terminal block) Video input digitizer allows NTSC or PAL video to be displayed on the touchpanel. Supports both Composite and S-Video formats, for full screen or window display. Power: 8W

TPS-XVGAL RGB Graphics Card . (BNCx5) RGB interface card allows full screen or window display of computer video up to 1280x1024. Supports non-interlaced computer sources at native resolution of 800x600, and scales signals of higher and lower resolutions for display. Power: 10W

ADDITIONAL OPTIONS:

RMK-5000. . . . . Rack mount
BB-5000 . . . . Back box for wall mounting

MODEL OPTIONS:

All the features of the TPS-5000LB with the following exceptions:
TPS-5000LW . . . . Enclosure with white plastic faceplate

ISYS™ TOUCHPANEL CONTROL SYSTEMS *continued*

TPS-4500 – Isys™ Advanced Touchpanel Control System

There's nothing in the world that compares with the award-winning Isys touchpanel control system. The TPS-4500 tilt model is a sleek, state-of-the-art multimedia touchpanel that offers great looks and high performance at an affordable price. Its 12"diagonal touch-sensitive LCD display produces a gorgeous high resolution picture, either full screen or in a window. The unique modular design allows users to display full-motion video simply by installing an expansion card. And upgrading to wireless operation is as easy as inserting the 2-way RF wireless module.

Touchscreen:

Display Type	Touch-sensitive active matrix color LCD
Screen Dimensions	12" (30.5cm) diagonal
Screen Resolution	800x600 pixels
Screen Illumination	Edgelit fluorescent
Screen Tilt	Soft-Touch adjustable screen tilt, 30-80 degrees
Enclosure	Black injection-molded case

Connectors:

TPS-4500:

RS-232	6-pin RJ11
Net/Video	10-pin RJ45
TPS-4500IMC Interface Module . . .	Outboard module providing expanded video/network connections to the touchpanel system (included)
NTSC/PAL VIDEO	BNCx2 or 6-pin Composite, plus Y/C, made active by optional TPS-VID card
NET	4-pin, for connection to devices in the Cresnet system
NET/VIDEO	10-pin RJ45, for touchpanel connection, plus Composite and S-Video input made active by optional TPS-VID card
Memory	4MB internal flash memory, upgradeable to 64MB with plug-in memory modules (TPS-MEM64MB, TPS-MEM32MB, TPS-MEM16MB) plus 8MB of DRAM, upgradeable to 32MB
Power Requirements	20W, 0.8A
Dimensions (HxWxD)	11.9" (30.1cm) x 13.3" (33.7cm) x 10.6" (26.8cm)
Weight	7.6lb (3.5Kg)

EXPANSION CARD OPTIONS:

TPS-VID Video Module Card . . . . . (RJ45) Video input digitizer allows NTSC or PAL video to be displayed on the touchpanel. Supports both Composite and S-Video formats, for full screen or window display. Power: 8W

ADDITIONAL OPTIONS:

TPS-XTX-RF Wireless Module and Docking Station for wireless operation
TPS-4500IMW Interface Module . . Wall-mounted unit that installs into a one-gang electrical box. Same functions as the TPS-4500IMC, but with terminal block connections.

ISYS™ TOUCHPANEL CONTROL SYSTEMS *continued*

TPS-4500LB – Isys™ Advanced Touchpanel Control System

There's nothing in the world that compares with the award-winning Isys touchpanel control system. The wall or lectern mounted TPS-4500LB is a state-of-the-art multimedia touchpanel that offers great looks and high performance at an affordable price. Its 12"diagonal touch-sensitive LCD display produces a gorgeous high resolution picture, either full screen or in a window. And the unique modular design allows users to display full-motion video simply by installing an expansion card.

Touchscreen:

Display Type	Touch-sensitive active matrix color LCD
Screen Dimensions	12" / 30.5cm diagonal
Screen Resolution	800x600 pixels
Screen Illumination	Edgelit fluorescent
Screen Tilt	Soft-Touch adjustable screen tilt, 30-80 degrees
Enclosure	Black injection-molded case

Connectors:

RS-232	6-pin RJ11
NTSC/PAL VIDEO	BNCx2 or 6-pin Composite, plus Y/C, made active by optional TPS-VID card
NET	4-pin, for connection to devices in the Cresnet system
Memory	4MB internal flash memory, upgradeable to 64MB with plug-in memory modules (TPS-MEM64MB, TPS-MEM32MB, TPS-MEM16MB) plus 8MB of DRAM, upgradeable to 32MB
Power Requirements	20W, 0.8A
Dimensions (HxWxD)	11.0" (28.1cm) x 13.4" (34.1cm) x 2.7" (6.9cm)
Weight	5.9lb (2.7Kg)

EXPANSION CARD OPTIONS:

TPS-VIDL Video Module Card . . . (BNCx2 and terminal block) Video input digitizer allows NTSC or PAL video to be displayed on the touchpanel. Supports both Composite and S-Video formats, for full screen or window display. Power: 8W

MODEL OPTIONS:

All the features of the TPS-4500LB with the following exceptions:
TPS-4500LW . . . . Enclosure with white plastic faceplate

ISYS™ *TOUCHPANEL CONTROL SYSTEMS* continued

TPS-TPI – Isys™ Touchpanel Interface

There's nothing in the world that compares with the award-winning Isys touchpanel control system. Like the other models in the Isys family, the TPS-TPI is a complete control system offering a host of sophisticated capabilities. Designed without a display, it turns any plasma monitor, LCD display or large video projector and screen into an Isys system that handles high-resolution graphics and video. It can be controlled by a variety of pointing devices, including a serial mouse, graphics tablet or touch-sensitive overlay, which allows any size screen to function as a touchpanel. The TPS-TPI is ideal for classrooms, command and control centers, stage and show presentations, interactive kiosks, boardrooms and home theater systems.

Enclosure . . . . Black metal
Connectors:
    Audio Input RJ11
    Audio Output . . . . Mini phone jack
    RS-232 . . . . RJ11
    RGBHV . . . . BNCx5, supplied by optional TPS-XVGAL card
    Net . . . . Terminal block
    Video . . . . BNCx2 + terminal block, supplied by TPS-VIDL card
    Analog Video Output . . . . DB15 high density
    LAN . . . . RJ45, supplied by TPS-ENETL card
Audio . . . . Line level input and output, power amplifier (2W per channel), audio mixer, two stereo speakers and WAV file capability
User Interface . . . . Accepts a variety of pointing devices, including a Microsoft®-compatible serial mouse, Crestron SmartPresenter™, graphics tablets, and touch-sensitive screen overlays. Check with Crestron for a current list of software drivers.
Memory . . . . 8MB internal flash memory, upgradeable to 64MB with plug-in memory modules (TPS-MEM64MB, TPS-MEM32MB, TPS-MEM16MB) plus 8MB of DRAM, upgradeable to 32MB
Power Requirements 10.0W, 417mA
Dimensions (HxWxD) . . . . 9.5" (24.0cm) x 15.1" (38.4cm) x 2.9" (7.4cm)
Weight 3.9lb (1.8Kg)

EXPANSION CARD OPTIONS:

TPS-ENETL 10/100 BaseT Ethernet Card . . (RJ45) Ethernet module provides full/half duplex TCP/IP and UDP/IP communication via Ethernet/LAN/WAN to any Crestron IP device. Power: 4W

TPS-VIDL Video Module Card . . . (BNCx2 and terminal block) Video input digitizer allows NTSC or PAL video to be displayed. Supports both Composite and S-Video formats, for full screen or window display. Power: 8W

TPS-XVGAL RGB Graphics Card . (BNCx5) RGB interface card allows full screen or window display of computer video up to 1280x1024. Supports non-interlaced computer sources at native resolution of 1024x768, and scales signals of higher and lower resolutions for display. Power: 10W

ISYS™ TOUCHPANEL CONTROL SYSTEM ACCESSORIES

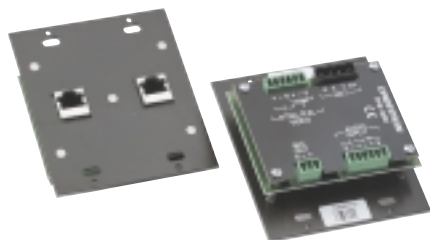### TPS-IMC – Interface Module

The TPS-IMC is designed specifically to serve as an interface module for the Crestron TPS-5000 and TPS-6000 tilt touchpanels. The TPS-IMC is included with the TPS-5000 and TPS-6000.

I/O Ports:

NTSC/PAL VIDEO	BNCx2 plus terminal block. These three ports are made active by the purchase and installation of TPS-VID, composite and S-video for TV video card.
NET	Terminal block four-pin connector is used to connect to other four-wire devices in the Cresnet system
AUDIO	8-position RJ45 mates with touchpanel to provide audio input and mic out to amplifiers
NET/VIDEO	10-position RJ45 mates with touchpanel to provide network connection to panel and makes available composite and S-video input for TV video card.
MIC OUT	Port mates with supplied 3-pin connector to produce line level differential output
AUDIO INPUT	Port mates with supplied 6-pin connector to provide differential/single ended audio I/O
Enclosure	Black metal with silk-screened top panel
Dimensions (HxWxD)	2.00" (5.08cm) x 5.33" (13.53cm) x 1.24" (3.15cm)
Weight	0.59lb (0.27Kg)

TPS-IMW – Wall-Mounted Interface Module

The TPS-IMW is a wall-mounted interface module for the TPS-5000 and TPS-6000 tilt touchpanels that mounts into a 2-gang electrical box with a recommended depth of 2.5".

I/O Ports:

NTSC/PAL VIDEO	Terminal block only
NET	Terminal block four-pin connector is used to connect to other four-wire devices in the Cresnet system
AUDIO	8-position RJ45 mates with touchpanel to provide audio input and mic out to amplifiers
NET/VIDEO	10-position RJ45 mates with touchpanel to provide network connection to panel and makes available composite and S-video input for TV video card.
MIC OUT	Port mates with supplied 3-pin connector to produce line level differential output
AUDIO INPUT	Port mates with supplied 6-pin connector to provide differential/single ended audio I/O
Enclosure	Black metal with silk-screened top panel
Dimensions (HxWxD)	4.11" (10.44cm) x 3.5" (8.89cm) x 1.51" (3.82cm)
Weight	0.48lb (0.22Kg)

ISYS™ TOUCHPANEL CONTROL SYSTEM ACCESSORIES continued

TPS-4500IMC - Interface Module

The TPS-4500IMC is designed specifically to serve as an interface module for the Crestron TPS-4500 tilt touchpanel. The TPS-4500IMC is included with the TPS-4500.

I/O Ports:

NTSC/PAL VIDEO	BNCx2 plus terminal block. These three ports are made active by the purchase and installation of TPS-VID, composite and S-video for TV video card.
NET	Terminal block four-pin connector is used to connect to other four-wire devices in the Cresnet system
NET/VIDEO	10-position RJ45 mates with touchpanel to provide network connection to panel and makes available composite and S-video input for TV video card.
Enclosure	Black metal with silk-screened top panel
Dimensions (HxWxD)	2.00" (5.08cm) x 5.33" (13.53cm) x 1.24" (3.15cm)
Weight	0.59lb (0.27Kg)

TPS-4500IMW – Wall-Mounted Interface Module

The TPS-4500IMW is a wall-mounted interface module for the TPS-4000 tilt touchpanel that mounts into a 1-gang electrical box with a recommended depth of 2.5".

I/O Ports:

NTSC/PAL VIDEO	Terminal block only
NET	Terminal block four-pin connector is used to connect to other four-wire devices in the Cresnet system
NET/VIDEO	10-position RJ45 mates with touchpanel to provide network connection to panel and makes available composite and S-video input for TV video card.
Enclosure	Black metal with silk-screened top panel
Dimensions (HxWxD)(without bezel) . . .	4.27" (10.85cm) x 2.5" (6.36cm) x 1.49" (3.77cm)
Weight	0.51lb (0.23Kg)

TPS-MEM32MB – Memory Expansion Module for all Isys™ Touchpanels

The TPS-MEM32MB is a plug-in flash memory module for both tilt and wall/lectern versions of the Isys touchpanel control system, which increases memory capacity for displaying icons and high resolution graphics, plus storing and playing WAV files. Isys can accept one module as a replacement for the existing flash module.

Memory 32MB

TPS-MEM16MB – Memory Expansion Module for all Isys™ Touchpanels

The TPS-MEM16MB is a plug-in flash memory module for both tilt and wall/lectern versions of the Isys touchpanel control system, which increases memory capacity for displaying icons and high resolution graphics, plus storing and playing WAV files. Isys can accept one module as a replacement for the existing flash module.

Memory 16MB

ISYS™ *TOUCHPANEL CONTROL SYSTEM ACCESSORIES* continued

TPS-ENET – Ethernet Card for TPS-6000 and TPS-5000

The TPS-ENET 10/100 BaseT Ethernet card is an optional feature designed for Crestron's Isys™ TPS-5000 and TPS-6000 tilt touchpanels. Installed into a specific expansion slot on the touchpanel motherboard, 40-pin connector attaches directly to the motherboard. The card provides communication via Ethernet/local area network (LAN) and wide area network (WAN) via IP. TPS-ENET supports both static and dynamic IP processing.

Connectors	40-pin connector attaches directly to the motherboard and is secured with two supplied mounting screws.
Power	.4W (0.167A @ 24 VDC)
Network Type	10BaseT/100BaseT, half or full duplex
Protocols	TCP/IP, UDP/IP, ICMP (Ping), & CIP
Dimensions (HxWxD)	0.63" (1.60cm) x 1.13" (2.88cm) x 5.75" (14.61cm)
Weight	0.80 oz (0.02Kg)

TPS-ENETL – Ethernet Card for TPS-6000L, TPS-5000L and TPS-TPI

The TPS-ENETL 10/100 BaseT Ethernet card is an optional feature designed for Crestron's Isys™ TPS-5000L and TPS-6000L tilt touchpanels and TPS-TPI touchpanel interface. Installed into a specific expansion slot on the touchpanel motherboard, 40-pin connector attaches directly to the motherboard. The card provides communication via Ethernet/local area network (LAN) and wide area network (WAN) via IP. TPS-ENETL supports both static and dynamic IP processing.

Connectors	40-pin connector attaches directly to the motherboard and provides an 8-position RJ45 port.
Power	.4W (0.167A @ 24 VDC)
Network Type	10BaseT/100BaseT, half or full duplex
Protocols	TCP/IP, UDP/IP, ICMP (Ping), & CIP
Dimensions (HxWxD)	1.02" (2.60cm) x 1.43" (3.62cm) x 5.85" (14.86cm)
Weight	1.20 oz (0.03Kg)

TPS-VID – Video Card for Isys™ Tilt Models

The TPS-VID video card is an optional feature designed for Crestron's Isys™ TPS-5000, TPS-6000 and TPS-4500 tilt touchpanels. The card is a video digitizer that allows NTSC, PAL, or S-video to be displayed on the touchpanel.

Connection	60-pin connector attaches the card directly to the motherboard into a specific expansion slot on the touchpanel and is secured with four supplied mounting screws
Video Types	NTSC or PAL
Video Format	Composite or S-Video
Video Format Detection	Within 2 seconds
Color Depth	256,000 colors
Power	8W (0.333A @ 24 VDC)
Dimensions (HxWxD)	0.70" (1.78cm) x 2.10" (5.33cm) x 5.93" (15.10cm)
Weight	1.60 oz (0.05Kg)

ISYS™ TOUCHPANEL CONTROL SYSTEM ACCESSORIES continued

### TPS-VIDL – Video Card for Isys™ Lectern/Wall Models

The TPS-VIDL video card is a video digitizer that allows NTSC, PAL, or S-Video to be displayed on a touchpanel. It is an optional feature designed for Crestron's wall/lectern mounted TPS-5000L, TPS-6000L and TPS-4500L touchpanels and the TPS-TPI touchpanel interface. The TPS-VIDL card is designed to be installed into a specific expansion slot in the touchpanel or interface.

Connector Specifications (Port, Type, Signal):

Touchpanel Interface . . . . 60-pin connector, various signals
C+ . . . . 1 pin of 6-pin connector, 3.5mm, S-Video chrominance input #1
C- . . . . 1 pin of 6-pin connector, 3.5mm, S-Video chrominance return
C S . . . . 1 pin of 6-pin connector, 3.5mm, S-Video chrominance shield
Y+ . . . . 1 pin of 6-pin connector, 3.5mm, S-Video luminance input or composite input #1
Y- . . . . 1 pin of 6-pin connector, 3.5mm, S-Video luminance return
Y S . . . . 6-pin connector, 3.5mm, S-Video luminance shield
C . . . . BNC, S-Video chrominance (color information) input #2
COMP/Y . . . . BNC, Composite video or S-Video luminance (brightness) input #2
Video Types . . . . NTSC or PAL
Video Format . . . . Composite or S-Video
Video Format Detection . . . . Within 2 seconds
Color Depth . . . . 256,000 colors
Power . . . . 8W (.0333A @ 24VDC)
Dimensions (HxWxD) . . . . 1.16" (2.95cm) x 2.63" (6.67cm) x 5.00" (12.70cm)
Weight . . . . 3.20 oz (0.09Kg)

TPS-XVGA – RGB Computer Interface Card for Isys™
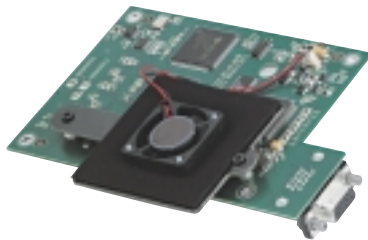
The TPS-XVGA RGB computer interface card is an optional feature designed for Crestron's Isys™ TPS-5000, TPS-6000 and TPS-TPI, which allows personal computer (PC) video to be displayed on the touchpanel full screen or in a window.

Connectors . . . . 60-pin connector which attaches the card directly to the motherboard, standard DB15 mini-computer video connector.
Power . . . . 10W (0.417A @ 24 VDC)
Max. Input Resolution 1280x1024
Max. Input Vertical Refresh Rates . . . . 110Hz@640x480, 60Hz@1280x1024
Video Sampling Rate 95MHz
Dimensions(HxWxD) . . . . 1.21" (3.07cm) x 4.02" (10.21cm) x 5.86" (14.88cm)
Weight: . . . . 2.75 oz (0.08Kg)

ISYS™ TOUCHPANEL CONTROL SYSTEM ACCESSORIES *continued*
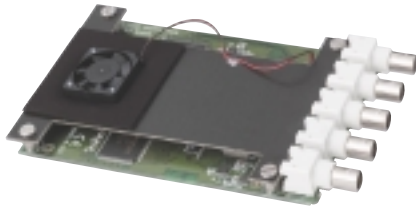
TPS-XVGAL – RGB Computer Interface Card for Isys™

The TPS-XVGAL RGB computer interface card is an optional feature designed for Crestron's Isys™ TPS-5000L and TPS-6000L touchpanels and the TPS-TPI touchpanel interface., which allows personal computer (PC) video to be displayed on the touchpanel full screen or in a window.

Connectors . . . . 60-pin connector attaches directly to the motherboard and provides five BNC connectors for PC video access.
Power: . . . . 24VDC Cresnet power, load factor of 10W
Max. Input Resolution 1280x1024
Max. Input Vertical Refresh Rates. . . . 110Hz@640x480, 60Hz@1280x1024
Video Sampling Rate 95MHz
Dimensions(HxWxD): . . . . 1.16" (2.95cm) x 3.80" (9.65cm) x 6.00" (15.24cm)
Weight: . . . . 4.90 oz (0.14Kg)

BB-6000 – Back Box

The back box, BB-6000, is the mounting hardware that secures a Crestron TPS-6000 (LB and LW) Lectern/Wall Mount Touchpanel to a wall or other suitable mounting surface.

Supplied Components:
   One (1) Metal Electrical Box and mounting hardware
Cutout Dimensions . . . . 15.125"(38.418cm) x 13.3" (33.782cm)

BB-5000 – Back Box

The back box, BB-5000, is the mounting hardware that secures a Crestron TPS-5000 (LB and LW) or TPS-4500 (LB and LW) Lectern/Wall Mount Touchpanel to a wall or other suitable mounting surface.

Supplied Components:
   One (1) Metal Electrical Box and mounting hardware
Cutout Dimensions . . . . 14.000" (35.560cm) x 10.750" (27.305cm)

RMK-6000 – Rack Mount Kit

The RMK-6000 is a complete 9U rack mount kit that has been developed for the Crestron TPS-6000LB and TPS-6000LW touchpanel models. Use the supplied hardware to assemble the rack mount kit to the touchpanel. The RMK-6000 is designed to occupy nine rack spaces or 15.72 inches (39.93cm) in a standard 19" rack.

RMK-5000 – Rack Mount Kit

The RMK-5000 is a complete 7U rack mount kit that has been developed for the Crestron TPS-5000 (LB and LW) and TPS-4500 (LB and LW) touchpanel models. Use the supplied hardware to assemble the rack mount kit to the touchpanel. The RMK-5000 is designed to occupy seven rack spaces or 12.22 inches (31.04cm)in a standard 19" rack.

COMPACT WALL-MOUNTED TOUCHPANELS

CT-1000 – ColorTouch™ Wall-Mounted Touchpanel

The CT-1000 is a 3.8" diagonal passive matrix color LCD touchpanel designed for wall-mounting. This single, compact touchpanel ends the age of walls cluttered with switches, control panels and thermostats. The CT-1000 can be fully customized for any control environment, with graphic icons and programmable "quick" pushbuttons that let users easily select and control any function. The crisp, clear display automatically adjusts itself to changing lighting condition, dimming and brightening as needed. Storage and playback of WAV sound files add a whole new dimension to control. And this fully Internet-ready touchpanel can deliver news, weather or stock quotes, continuously or on demand using Crestron e-Control™ technology. Optional Designer Series faceplates (CT/LC-FP) coordinate with any decor.

Touchscreen:
Display Type . . . . Passive matrix color LCD
Screen Dimensions . . . . 3.8"/9.6cm diagonal
Screen Resolution . . . . 240x320 pixels
Screen Illumination . . . . Backlit fluorescent
Enclosure. . . . . Plastic with optional back box
Communications . . . . Cresnet: (1) 4-wire screw mini terminal type connector
Memory. . . . . 768Kb flash memory for display and WAV files
Power Requirements 24VDC, 0.25A; 6W
Dimensions (HxWxD) . . . . 4.77"(12.10cm) x 4.86" (12.34cm) x 1.59" (4.04cm) with faceplate
Weight Total . . . . 8.6 oz (.25Kg) (not including box or bracket)
Quick Pushbuttons. . . . . (10) flank LCD display—used to access frequently used commands
Audio . . . . Speaker Out to play stored WAV files

LC-1000 – BriteTouch™ Wall-Mounted Touchpanel

The LC-1000 is a 3.8" diagonal passive matrix grayscale LCD touchpanel designed for wall-mounting. This single, compact touchpanel ends the age of walls cluttered with switches and control panels. The LC-1000 can be fully customized for any control environment, with graphic icons and programmable "quick" pushbuttons that let users easily select and control any function. The crisp, clear display automatically adjusts itself to changing lighting condition, dimming and brightening as needed. Storage and playback of WAV sound files adds a whole new dimension to control. And this fully Internet-ready touchpanel can deliver news, weather or stock quotes, continuously or on demand using Crestron e-Control™ technology. Optional Designer Series faceplates (CT/LC-FP) coordinate with any decor.

Touchscreen:
Display Type . . . . Passive matrix grayscale LCD
Screen Dimensions . . . . 3.8"/9.6cm diagonal
Screen Resolution . . . . 240x320 pixels
Screen Illumination . . . . White LED backlight, automatically adjusts to changing lighting conditions
Enclosure. . . . . Plastic with optional back box
Communication . . . . Cresnet (1) 4-wire screw mini terminal type connector
Memory:
      Size, Type . . . . 768Kb flash memory for display and WAV files
Power Requirements 24VDC, 0.125A; 3W
Dimensions (HxWxD) . . . . 4.77"(12.10cm) x 4.86" (12.34cm) x 1.59" (4.04cm) with faceplate
Weight Total . . . . 8.6 oz (.25Kg) (not including box or bracket)
Quick Pushbuttons. . . . . (10) flank LCD display—used to access frequently used commands
Audio . . . . Speaker Out to play stored WAV files

COMPACT WALL-MOUNTED TOUCHPANEL ACCESSORIES

CT/LC-FP – Designer Series Faceplates for CT-1000 and LC-1000
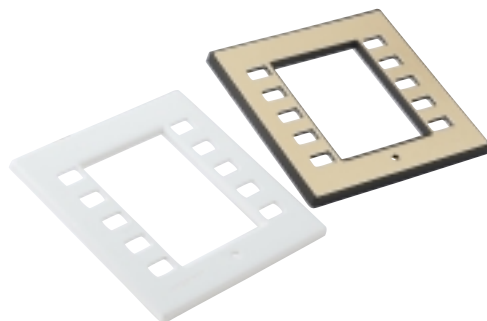
The CT/LC-FP faceplates replace the standard faceplates for both the CT-1000 and LC-1000 touchpanels. Installing easily without tools, these designer faceplates allow the touchpanel to complement any commercial or residential decor.

ENGRAVING AVAILABLE ON BUTTONS ONLY:

CT/LC-FP-S/STEEL . . . . Stainless Steel with Black trim and buttons
CT/LC-FP-BLK/CHRM. . . . . Black Chrome with Black trim and buttons
CT/LC-FP-BR/GLD . . . . Brushed Gold with Black trim and buttons
CT/LC-FP-P/BLK . . . . Polished Black with Black trim and buttons
CT/LC-FP-P/BRASS . . . . Polished Brass with Black trim and buttons
CT/LC-FP-P/GLD . . . . Polished Gold with Black trim and buttons
CT/LC-FPINW-NB . . . . White Faceplate with white metal inlay, no buttons
CT/LC-FPINW . . . . Primed Faceplate to cover with paint or wallpaper, with White trim and buttons
CT/LC-FPINB . . . . Primed Faceplate to cover with paint or wallpaper, with Black trim and buttons
CT/LC-FPINA . . . . Primed Faceplate to cover with paint or wallpaper, with Almond trim and buttons

ENGRAVING AVAILABLE ON FACEPLATE AND BUTTONS:

CT/LC-FPW . . . . White buttons
CT/LC-FPB. . . . . Black buttons
CT/LC-FPA. . . . . Almond buttons

BB-1000 – Back Box

The BB-1000 back box is the optional wall box and mounting hardware that secures a Crestron CT/LC-1000 touchpanel to a wall.

Dimensions (HxW). . . . . 4.49" (11.39cm) x 4.50" (11.44cm)

WIRED TOUCHPANELS

CT-3200 – ColorTouch™ Passive Matrix Large Screen Touchpanel

The CT-3200 is a 10.4" diagonal passive matrix color LCD touchpanel with an adjustable tiltcase. The CT-3200's icons, graphics and text, with 256 colors and VGA resolution, replace large, complicated control panels with a series of simpler screens, each specific to the application at hand.

Display Type . . . . Passive matrix Color LCD touchpanel
Screen Dimensions . . . . 10.4" (26.4cm) diagonal
Screen Resolution . . . . 640 x 480 pixels
Screen Illumination . . . . Backlit Fluorescent
Enclosure . . . . Adjustable tiltcase, black molded plastic
Connectors . . . . The tiltcase Series 3200 touchpanel is supplied with a cable assembly
　　　　　　　　　　　　　　　　　　　　　that connects to the supplied interface module, the CN-RJ11.
Touch Screen . . . . Resistive Membrane
Communications:
　　Cresnet . . . . 6-position, 6-pin connectors on each end connects the tiltcase
　　　　　　　　　　　　　　　　　　　　　configuration touchpanel to the CN-RJ11. Connect the CN-RJ11 to the
　　　　　　　　　　　　　　　　　　　　　Cresnet system via the network cable.
Power Requirements . . . . 16W, 24 VDC 0.66A
Memory . . . . 1 MB flash memory
Dimensions (HxWxD) . . . . 9.29" (23.59cm) x 11.29" (28.67cm) x 7.00" (17.78cm)
　　　　　　　　　　　　　　　　　　　　　(without CN-RJ11)
Weight 5.65lb (2.56Kg)

MODEL OPTIONS:

All the features of the CT-3200, with the following exceptions:

CT-3200L:

　　Enclosure . . . . Lectern mount, black metal
　　Dimensions (HxWxD) . . . . 8.75" (22.23cm) x 12.25" (31.12cm) x 1.74" (4.42cm)
　　Weight 3.90lb (1.77Kg)

WIRED TOUCHPANELS continued

CT-1600 – ColorTouch™ Passive Matrix Touchpanel

The CT-1600 is a 5.7" diagonal passive matrix color LCD touchpanel with an adjustable tiltcase and position lock. The CT-1600's icons, graphics and text, with 256 colors, replace large, complicated control panels with a series of simpler screens, each specific to the application at hand.

Display Type . . . . Passive matrix color LCD
Screen Dimensions . . . . 5.7"/14.4cm diagonal
Screen Resolution . . . . 320x240 pixels
Screen Illumination . . . . Edgelit fluorescent
Screen Tilt . . . . Adjustable screen tilt, 0-70 degrees
Enclosure. . . . . Adjustable tiltcase; black plastic
Communications . . . . Cresnet (1) 4-wire screw terminal type connector
Memory. . . . . 768Kb flash memory
Power Requirements 24VDC, 0.25A; 6W
Dimensions (HxWxD) . . . . 5.97"(15.16cm) x 7.67" (19.48cm) x 5.32" (13.51cm)
Weight 2.82lb (1.28Kg)

MODEL OPTIONS:

All the features of the CT-1600, with the following exceptions:

CT-1600L/W-DB

Enclosure. . . . . Wall mount with black faceplate, no screen tilt
Dimensions (HxWxD) . . . . 6.49"(16.49cm) x 7.64" (19.39cm) x 1.68" (4.26cm)
Weight 1.71lb (0.77Kg)

CT-1600L/W-DW

Enclosure. . . . . Wall mount with white faceplate, no screen tilt
Dimensions (HxWxD) . . . . 6.49"(16.49cm) x 7.64" (19.39cm) x 1.68" (4.26cm)
Weight 1.71lb (0.77Kg)

WIRED TOUCHPANELS continued

LC-3000 – BriteTouch / Large Screen Grayscale Touchpanel

The LC-3000 is a 9.6" diagonal dual-scan passive matrix grayscale LCD touchpanel with an adjustable tiltcase. The LC-3000's icons, graphics and text, with 256 shade grayscale display and VGA resolution, replace large, complicated control panels with a series of simpler screens, each specific to the application at hand.

Display Type . . . . Dual-scan passive matrix grayscale LCD touchpanel
Screen Dimensions . . . . 9.4"/23.9cm diagonal
Screen Resolution . . . . 640 x 480 pixels
Screen Illumination . . . . Backlit fluorescent
Enclosure. . . . . Adjustable tiltcase; black plastic
Communications:
   Cresnet. (1) 6-wire, RJ-type connector allows additional wired capability
       * Use supplied cable assembly and CN-RJ11 for (1) 4-wire screw terminal type connector
   Power Requirements . . . . 24VDC, 0.5A; network power
   Cresnet Power Factor. 12W
Memory. . . . . 256Kb flash memory for display, upgradeable to 1MB (special order)
Dimensions (HxWxD) . . . . 8.6" (21.8cm) x 11.2" (28.5cm) x 7.0" (17.8cm)
Weight 6.12lb (2.78Kg)

MODEL OPTIONS:

All the features of the LC-3000, with the following exceptions:

LC-3000L:
   Enclosure. . . . . Lectern mount; black faceplate
   Cresnet. . . . . (1) 4-wire screw-type terminal
   Communications:
     RS-232 . . . . DB9, for PC connection to load panels without network
   Dimensions (HxWxD) . . . . 8.3" (21.0cm) x 12.8" (32.4cm) x 1.6" (4.0cm)
   Weight 4.7lb (2.1Kg)

LC-3000W:
   Enclosure. . . . . Wall mount, black faceplate
   Cresnet. . . . . (1) 4-wire screw-type terminal
   Communications:
     RS-232 . . . . DB9, for PC connection to load panels without network
   Dimensions (HxWxD) . . . . 8.3" (21.0cm) x 12.8" (32.4cm) x 1.6" (4.0cm)
   Weight 4.7lb (2.1Kg)

WIRED TOUCHPANELS *continued*

LC-1600 – BriteTouch Grayscale Touchpanel

The LC-1600 is a 5.7" diagonal passive matrix grayscale LCD touchpanel with an adjustable tiltcase and position lock. The LC-1600's icons, graphics and text, with a grayscale display, replace large, complicated control panels with a series of simpler screens, each specific to the application at hand.

Display Type . . . . FSTN transmissive mode, dot matrix touchpanel
Screen Dimensions . . . . 5.83"(14.8cm) diagonal
Screen Resolution . . . . 320x240 pixels
Screen Illumination . . . . Edgelit fluorescent
Enclosure . . . . Adjustable tiltcase; black plastic
Communications . . . . Cresnet (1) 4-wire screw terminal type connector
Power Requirements 24VDC, 0.25A; 6W
Memory . . . . 768Kb flash memory for display
Dimensions (HxWxD) . . . . 5.97" (15.16cm) x 7.67" (19.48cm) x 5.32" (13.51cm)
Weight 2.8lb (1.28Kg)

MODEL OPTIONS:

All the features of the LC-1600, with the following exceptions:

LC-1600L/W-DB

Enclosure . . . . Wall mount with black faceplate
Dimensions (HxWxD) . . . . 6.49" (16.49cm) x 7.64" (19.39cm) x 1.68" (4.26cm)
Weight 1.71lb (0.77Kg)

LC-1600L/W-DW

Enclosure . . . . Wall mount with white faceplate
Dimensions (HxWxD) . . . . 6.49" (16.49cm) x 7.64" (19.39cm) x 1.68" (4.26cm)
Weight 1.71lb (0.77Kg)

WIRED TOUCHPANEL ACCESSORIES

BB-1600 – Back Box

The BB-1600 back box is the optional wall box and mounting hardware that secures a Crestron Series 1600 Lectern/Wall Mount Touchpanel to a wall or other suitable mounting surface.

Dimensions (HxW, cutout) . . . . 5.39"(13.68cm) x 7.44"(18.85cm)

RMK-3500 – Rack Mount Kit for Large Screen (10.4") Touchpanels

The RMK-3500 allows Crestron 10.4" diagonal touchpanels to be mounted into a vertical equipment rack.

For Touchpanel Models CT-3200L
Rack Space Occupied . . . . 10.5" vertical, (6) rack spaces (fits in standard 19"rack)
Construction . . . . Black metal
Weight . . . . 1.62lb (0.73 Kg)

RMK-3000 – Rack Mount Kit for Large Screen (9.4") Touchpanels

The RMK-3000 allows Crestron 9.4" diagonal touchpanels to be mounted into a vertical equipment rack.

For Touchpanel Models LC-3000L
Rack Space Occupied . . . . 10.5" vertical, (6) rack spaces (fits in standard 19"rack)
Construction . . . . Black metal
Weight 0.46lb (0.21Kg)

RMK-1600 – Rack Mount Kit

The RMK-1600 allows Crestron 5.7" diagonal touchpanels to be mounted into a vertical equipment rack.

For Touchpanel Models . . . . LC-1600L/W-DB & DW and CT-1600L/W-DB & DW
Rack Space Occupied . . . . 7" vertical (4) rack spaces (fits in standard 19"rack)
Construction . . . . Black Metal

WMK-3200 – Wall Mount Kit

The WMK-3200 is a complete wall mount kit with black bezel that has been developed for Crestron 10.4" diagonal lectern/wall touchpanels.

For Touchpanel Models CT-3200L
Outer Bezel Dimensions (HxWxD) . . . 18.75" (22.22cm) x 12.25" (31.12cm) x 0.19" (0.47cm)

WIRELESS TOUCHPANELS

STX-3500C – 2-Way Wireless RF Large Screen Color Touchpanel

The STX-3500C is a 2-way RF touchpanel. With Crestron's exclusive RF technology, signals travel up to 1000 feet to and from the transceiver, even through walls - with no line of sight problems experienced with IR controllers. The 2-way RF communication provides constant, reliable 2-way communication to and from Crestron control systems for real-time confirmation of commands.

Touchscreen:
Display Type . . . . Active matrix color LCD touchpanel
Screen Size . . . . 10.4"/26.4cm diagonal
Screen Resolution . . . . 640 x 480 pixels
Screen Illumination . . . . Edgelit fluorescent
Enclosure . . . . Adjustable tiltcase; black plastic
Communications:
    Radio Frequency (RF) . . . . 2-way (bidirectional) spread spectrum; 2.4GHz
    Cresnet . . . . (1) 6-wire, RJ-type connector allows additional wired capability
Power Requirements 24VDC, 1A
    Battery . . . . (2) ST-BP removable, rechargeable NiCad power packs; included adapter; included or 24VDC network power
    Battery Life . . . . Minimum (2) hours continuous operation @ full backlight
    Cresnet Power Factor 24W
Memory . . . . 1MB flash memory for display
Weight 7.4lb (3.35Kg)
Dimensions (HxWxD) . . . . 9.29" (23.59cm) x 11.29" (28.67cm) x 9.03" (22.94cm)

OPTIONAL ACCESSORIES:

CNRFGWX . . . . 2-way RF Gateway/Transceiver

WIRELESS TOUCHPANELS continued

STX-1550C – 2-Way Wireless RF Color Touchpanel

The STX-1550C is a color LCD touchpanel which communicates via RF signals to and from either an ST-CP or CNX control processor. The RF signal allows complete freedom of movement up to 75 feet, even through walls, indoors or outside. And because the STX-1550C is a 2-way wireless touchpanel, the user gets immediate feedback which indicates that the command has been carried out completely. Its lightweight, contoured case is easily held in one hand, and is ideal for applications in audio, video, lighting and environmental control.

TouchScreen:
Display Type . . . . Passive matrix color LCD
Screen Dimensions . . . . 5.7" (14.5cm) diagonal
Screen Resolution . . . . 320x240 pixels
Illumination. Backlit fluorescent
Enclosure . . . . High impact, fixed angle case, black molded plastic
　　　　　　　　　　　　　　　　　　(designer finishes optional)

Connectors:
　　Stereo phone jack . . . . To upload touchscreen projects via PC
　　AC power pack connector . . . . . Power pack connector for external power pack
Memory . . . . 768KB flash memory for display
Communications . . . . Radio Frequency (RF) 2-way, 418 MHz RF, range 3 ft to 75 ft.
　　　　　　　　　　　　　　　　　　(up to 150 ft. outdoors)

Power Requirements:
　　ST-BTP . . . . Rechargeable, high performance Nicad power pack, removable
　　　　　　　　　　　　　　　　　　(included) or 110/220V power supply (included)
　　ST-DS Docking Station . . . . 12 VDC power pack
　　Power pack . . . . 12 VDC
Dimensions (HxWxD):
　　STX-1550C . . . . 5.7" (14.5cm) x 8.8" (22.2cm) x 3.3" (8.5cm)
　　ST-DS . . . . 0.9" (2.5cm) x 6.7" (17.1cm) x 6.8" (17.2cm)
Weight:
　　STX-1550C 1.56lb (0.71Kg)
Included Components:
　　ST-BTP . . . . Rechargeable NiCad battery pack
　　　　　　　　　　　　　　　　　　(fits in compartment on underside of touchpanel)
　　ST-DS . . . . Docking station/charger with external power pack

OPTIONAL ACCESSORIES:

STRFGWX . . . . 2-way RF Gateway/Transceiver

MODEL OPTIONS:

All the features of the STX-1550C with the following exceptions:
STXI-1550C . . . . International Version, 220V

WIRELESS TOUCHPANELS continued

STX-1550CW – 2-Way Wireless RF Color Touchpanel with Wall Mount

The STX-1550CW is a color LCD touchpanel which communicates via RF signals to and from either an ST-CP or CNX control processor. The RF signal allows complete freedom of movement up to 75 feet, even through walls, indoors or outside. And because the STX-1550CW is a 2-way wireless touchpanel, the user gets immediate feedback which indicates that the command has been carried out completely. Its lightweight, contoured case is easily held in one hand, and is designed for docking in the wall-mounted back box which provides operating power, recharging and hardware communication.

TouchScreen:
Display Type . . . . Passive matrix color LCD
Screen Dimensions . . . . 5.7" (14.5cm) diagonal
Screen Resolution . . . . 320x240 pixels
Illumination. . . . . Backlit fluorescent
Enclosure. . . . . High impact, fixed angle case, black molded plastic
(designer finishes optional)
Connectors:
    Stereo phone jack . . . . To upload touchscreen projects via PC
    AC power pack connector . . . . . power pack connector for external power pack
Memory. . . . . 768KB flash memory for display
Communications . . . . Radio Frequency (RF) 2-way, 418 MHz RF, range 3' to 75'
(up to 150' outdoors)
Power Requirements:
    ST-BTP . . . . Rechargeable, high performance Nicad power pack, removable
(included) or 110/220V power supply (included)
    BB-1550CW Back Box . . . . 34W (1.4A @ 24VDC)
    Power pack . . . . 12 VDC
Dimensions (HxWxD):
    STX-1550C. . . . . 5.7" (14.5cm) x 8.8" (22.2cm) x 3.3" (8.5cm)
    BB-1550CW Back Box . . . . 6.51" (16.54cm) x 5.99" (15.21cm) x 3.75" (9.53cm)
Weight:
    STX-1550C. 1.56lb (0.71Kg)
Included Components:
    ST-BTP . . . . Rechargeable NiCad battery pack
(fits in compartment on underside of touchpanel)
    BB-1550CW Back Box . . . . Back box for wall mounting
    DA-1550CW . . . . Docking assembly, attaches to back box

OPTIONAL ACCESSORIES:

STRFGWX . . . . 2-way RF Gateway/Transceiver

WIRELESS TOUCHPANELS continued

ST-1550C – 1-Way Wireless RF Color Touchpanel

The ST-1550C is a color LCD touchpanel which communicates via RF signals with either an ST-CP or CNX control processor. The RF signal allows complete freedom of movement up to 300 feet, even through walls, indoors or outside. Its lightweight, contoured case is easily held in one hand, and is ideal for applications in audio, video, lighting and environmental control.

Touchscreen:
Display Type . . . . Passive matrix color LCD
Screen Dimensions . . . . 5.7" (14.5cm) diagonal
Screen Resolution . . . . 320x240 pixels
Illumination. . . . . Backlit fluorescent
Enclosure. . . . . High impact, fixed angle case, black molded plastic
(designer finishes optional)
Connectors:
    Stereo phone jack . . . . To upload touchscreen projects via PC
    AC power pack connector . . . . . Power pack connector for external power pack
Memory. . . . . 768KB flash memory for display
Communications . . . . Radio Frequency (RF) 1-way, 434 MHz RF between touchpanel and
CNRFGWA, range up to 300 ft.
Power Requirements:
    ST-BTP . . . . Rechargeable, high performance Nicad power pack, removable
(included) or 110/220V external power supply (included)
    ST-DS Docking Station . . . . 12 VDC power pack
    Power pack . . . . 12 VDC
Dimensions (HxWxD):
    ST-1550C . . . . 5.7" (14.5cm) x 8.8" (22.2cm) x 3.3" (8.5cm)
    ST-DS . . . . 0.9" (2.5cm) x 6.7" (17.1cm) x 6.8" (17.2cm)
Weight:
    ST-1550C 1.85lb (0.84Kg)
Included Components:
    ST-BTP . . . . Rechargeable NiCad battery pack
(fits in compartment on underside of touchpanel)
    ST-DS . . . . Docking station/charger with external power pack

OPTIONAL ACCESSORIES:
CNRFGWA. . . . . 1-way RF Gateway

MODEL OPTIONS:
All the features of the ST-1550C with the following exceptions:
STI-1550C . . . . International Version, 220V, 418 MHz RF between
touchpanel and control processor

WIRELESS TOUCHPANELS continued

ST-1550 – 1-Way Wireless RF Grayscale Touchpanel

The ST-1550 is a grayscale LCD touchpanel which communicates via RF signals with either an ST-CP or CNX control processor. The RF signal allows complete freedom of movement up to 300 feet, even through walls, indoors or outside. Its lightweight, contoured case is easily held in one hand, and is ideal for applications in audio, video, lighting and environmental control.

Touchscreen:
Display Type . . . . Passive matrix grayscale LCD
Screen Dimensions . . . . 5.7" (14.5cm) diagonal
Screen Resolution . . . . 320x240 pixels
Illumination. Backlit fluorescent
Enclosure. . . . . High impact, fixed angle case, black molded plastic
(designer finishes optional)
Connectors:
Stereo phone jack . . . . To upload touchscreen projects via PC
AC power pack connector . . . . . power pack connector for external AC power pack
Memory. . . . . 768KB flash memory for display
Communications . . . . Radio Frequency (RF) 1-way, 434 MHz RF between touchpanel and
CNRFGWA, range up to 300 ft.
Power Requirements:
ST-BTP . . . . Rechargeable, high performance Nicad power pack, removable
(included) or 110/220V external power supply (included)
ST-DS Docking Station . . . . 12 VDC power pack
Power pack . . . . 12 VDC
Dimensions (HxWxD):
ST-1550 . . . . 5.7" (14.5cm) x 8.8" (22.2cm) x 3.3" (8.5cm)
ST-DS . . . . 0.9" (2.5cm) x 6.7" (17.1cm) x 6.8" (17.2cm)
Weight:
ST-1550 . . . . 1.85lb (0.84Kg)
Included Components:
ST-BTP . . . . Rechargeable NiCad battery pack
(fits in compartment on underside of touchpanel)
ST-DS . . . . Docking station/charger with external power pack

OPTIONAL ACCESSORIES:

CNRFGWA. . . . . 1-way RF Gateway

MODEL OPTIONS:

All the features of the ST-1550 with the following exceptions:
STI-1550. International Version, 220V, 418 MHz RF between
touchpanel and control processor

WIRELESS TOUCHPANEL ACCESSORIES

STRFGWX – 2-Way RF Transceiver

The STRFGWX is a 2-way radio frequency (RF) transceiver that communicates with the wireless Crestron 2-Way RF Compact Color Touchpanel, STX-1550C or STX-1550CW.

Power: . . . . 12VDC from external power pack PW-1205 or 24VDC network power (3W).
RF Communications: . . . . 2-Way, 418MHz, range 3 ft to 75 ft.
Dimensions (HxWxD): . . . . 1.70" (4.32cm) x 6.94" (17.63cm) x 6.32" (16.07cm)
Weight: 2.10lb (0.95Kg)
Ports:
    12 VDC .5 A . . . . Direct current (DC) power socket connector is used to supply power via the external power pack.
    NET (Modular Cresnet) . . . . Two 6-pin, 6-position RJ11 modular jacks are used to connect to modular devices in the Cresnet system. Two NET ports are available so that network units can be daisy-chained together.
    NET (Four-Wire Cresnet) . . . . 4-pin connector is used to connect to other four-wire devices in the Cresnet system.
Indicators:
    PWR . . . . Green LED illuminates when 12VDC power is supplied.
    NET . . . . Yellow LED illuminates when communication with Cresnet system is established.
    RF:
    Three LEDs monitor RF communications:
        SIG . . . . Red LED illuminates when transceiver is operational.
        Rx . . . . Red LED illuminates when a command is received from a touchpanel
        Tx . . . . Red LED illuminates when a command is transmitted to a touchpanel.

MODEL OPTIONS:

All the features of the STRFGWX with the following exceptions:
STRFGWXI. . . . . (for use with STXI-1550C) International Version, 220V uses PWI-1210 power pack

CNRFGWX – 2-Way Spread Spectrum RF Transceiver for use with STX-3500C

The CNRFGWX is a two-way radio frequency transceiver that communicates with STX-3500C two-way wireless touchpanel. The unit receives RF signals from one or more touchpanels and translates them into commands for transmission over the control network. Feedback signals are transmitted from the CNRFGWX to the touchpanels for real-time confirmation of commands.

Communications . . . . Radio Frequency (RF) 2-way (bidirectional) spread spectrum; 2.4GHz; range up to 1000 ft.
Communications Ports:
    NET (Modular). . . . . (2) 6-pin RJ-type connector; to connect unit to modular devices on the Cresnet control network; allows network devices to be daisy chained
    NET (4-wire) . . . . (1) 4-pin male connector to connect unit to other 4-wire devices on network
LED Indicators
    PWR . . . . Indicates 24VDC power supplied from Cresnet control network
    NET . . . . Indicates communication between the unit and the Cresnet control system
    RF / SIG . . . . Indicates that unit's radio is operational
    RF / Rx . . . . Indicates command received from touchpanel
    RF / Tx . . . . Indicates command transmitted to touchpanel from unit
Power Requirements . . . . 24VDC network power
    Cresnet Power Factor. 5.0W
Enclosure. . . . . Black metal
Dimensions (HxWxD) . . . . 1.70" (4.32cm) x 6.94" (17.63cm) x 6.32" (16.06cm)
Antenna Length . . . . 4.88" (12.40cm) unbent, 1.22" (3.10cm) x 4.06" (10.31cm) bent
Weight 2.10lb (0.95Kg)

WIRELESS TOUCHPANEL ACCESSORIES continued

CNRFGWA – 1-Way RF Receiver

The CNRFGWA is a one-way radio frequency transceiver that communicates with all of Crestron one-way wireless touchpanels and RF transmitters. The unit receives RF signals from one or more panels and translates them into commands for transmission over the control network.

Communications . . . . Radio Frequency (RF)1-way; 434MHz
Communications Ports:
    NET . . . . (1) 4-pin male connector; to Cresnet control network
LED Indicators
    SIGNAL. . . . . Indicates reception of valid RF signal
    ID SELECT. . . . . Indicates established communication between unit and Cresnet control system
    NET PWR . . . . Indicates 24VAC power supplied from Cresnet control network
    Power Requirements . . . . 24VDC network power
    Cresnet Power Factor. 3.0W
Enclosure. . . . . Black metal
Dimensions (HxWxD) . . . . 7.28" (18.49cm) x 3.25" (8.25cm) x 1.35" (3.44cm)
Antenna Length . . . . 7.90" (20.1cm)
Weight 1.1lb (0.5Kg)

CNANT – High-Performance Extension Antenna

The CNANT is a high performance indoor ground plane (base) antenna designed to surpass the performance of the factory-supplied antenna provided with Crestron receivers such as the CNRFGWA and ST-CP. Its omni-directional radiation pattern and remote installation permits more gain and extends its communication range. The remote capability of the CNANT permits it to be mounted anywhere indoors within 15 feet (or up to 50 feet with longer cable, not supplied) of the receiver.

Frequency Range . . . . 400-440 MHz
Gain (min) . . . . Unity
Connectors . . . . 2 BNC female
Impedance . . . . 50 Ohms
Radiation Pattern . . . . Omnidirectional
Dimensions (HxWxD) (upright) . . . . . 21.5" (54.61cm) x 13.5" (34.29cm) x 13.5"(34.29cm)
Weight (without cable). 0.51lb (1.12Kg)
Included. . . . . 15' (45.72 m) BNC cable

WIRELESS TOUCHPANEL ACCESSORIES continued

ST-DS – Docking Station/Charger

The ST-DS is a microprocessor based docking station for the ST-1550C, STX-1550C, and ST-1550 touchpanels. The ST-DS can also charge the ST-BTP in 2 hours, whereas trickle charging (ST-BTP installed in touchpanel) can take up to 24 hours. Included with all ST/STX-1550 panels.

Port . . . . DC power socket connector, used to supply power via external power pack
LED Indicators:
    External Power . . . . Green LED illuminates when power is provided to the ST-DS via the specified external power pack
    CHG (Charge) . . . . Red LED illuminates when the ST-BTP is inserted into the ST-DS battery cavity and remains ON while the battery is charging. If the CHG LED blinks every second, it is in a "charge pending" state. When fast charging, the LED will remain ON
    RDY (Ready) . . . . Red LED illuminates when the ST-BTP in the ST-DS battery cavity is fully charged
Power . . . . External power pack (Crestron PW-1215)
Connectors . . . . DC power socket connector used to supply power via the recommended external power pack
Dimensions (HxWxD) . . . . 6.76" (17.18cm) x 6.72" (17.06cm) x 0.94" (2.38cm)
Weight 1.01lbs (0.46Kg)

MODEL OPTIONS:

All the features of the ST-DS with the following exceptions:
STI-DS . . . . International version, 220V
                                            For Models STI-1550, STI-1550C, STXI-1550C. Uses PWI-1215 power pack

ST-BC – Battery Pack Recharger

The ST-BC is designed to provide rapid charge/discharge of the ST-BP rechargeable battery pack for use with the STX-3500C touchpanel. Rather than trickle charging the ST-BP in the touchpanel, the ST-BC can charge a fully discharged ST-BP in 2 hours. Ships with one ST-BP.

LED Indicators:
    PWR . . . . Indicates when power is supplied to the unit
    CHG . . . . Indicates when ST-BP inserted into unit is charging
    RDY . . . . Indicates when ST-BP inserted into unit is fully charged
    FLT . . . . Indicates ST-BP is inserted into unit incorrectly or there is a problem with the ST-BP
    DISCHG . . . . Indicates when ST-BP inserted into unit is discharging
Power Requirements . . . . 12VDC, 1.5A adapter; included
Dimensions (HxWxD) . . . . 1.59" (4.04cm) x 5.11" (12.98cm) x 5.37" (13.63cm)
Includes . . . . (2) ST-BP power packs
Weight 1.3lb (0.6Kg)

MODEL OPTIONS:

All the features of the ST-BC with the following exceptions:
STI-BC . . . . (International version)
Power Options . . . . AC adapter (220VAC compatible); included

WIRELESS TOUCHPANEL ACCESSORIES continued

DA-1550CW – Docking Assembly for STX-1550CW
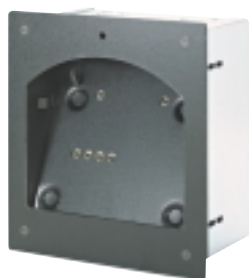
The DA-1550CW connects directly to the BB-1550CW back box. This microprocessor-based docking assembly charges the ST-BTP rechargeable NiCad battery pack contained in the docked STX-1550CW. Included with the STX-1550CW.

Power Requirements . . . . 34W (1.45A@24VDC)
Dimensions (HxWxD) . . . . 6.51" (16.54cm) x 5.57" (14.14cm) x 3.56" (9.05cm)
Weight 3.21lb (1.46Kg)

BB-1550CW – Back Box for STX-1550CW

The back box, BB-1550CW, is the mounting hardware that secures a Crestron STX-1550CW touchpanel to a wall or other suitable mounting surface. Included with the STX-1550CW.

Supplied Components:
    One (1) Metal Enclosure and mounting hardware
Cutout Dimensions . . . . 6.14"(15.61cm) x 6.78"(17.23cm)

ST-BP – Battery Pack for use with STX-3500C

The ST-BP is a removable, rechargeable NiCad battery pack for the STX-3500C wireless touchpanel.

Type . . . . Removable, rechargeable NiCad
Capacity (fully charged) 2800mAh
Dimensions (HxWxD) . . . . 2.05" (5.21cm) x 3.92" (9.96cm) x 1.03" (2.62cm)
Weight 0.65lb (0.3Kg)

ST-BTP – Rechargeable Power Pack

This high-performance rechargeable power pack is designed to power all configurations of the STX-1550C, STX-1550CW, ST-1550C, and ST-1550 wireless touchpanels. The unique design of the ST-BTP prevents it from being installed improperly, as it fits only one way into the battery compartment of the touchpanel.

Type . . . . Removable, rechargeable NiCad
Dimensions (HxWxD) . . . . 1.16" (2.94cm) x 4.25" (10.78cm) x 2.28" (5.79cm)
Weight 0.79lb (0.36Kg)

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Specifications subject to change without notice.